Gigaset A580 IP

"Convenient IP-Telephony through affordable hybrid PC-off solution"

Key benefits

- USP: PC-off convenience
- Dual mode: easy switch from internet calls to fixed-line calls
- Multiline functionality (for up to 6 handsets and 6 SIP accounts)
- Up to 3 calls in parallel (2 internet calls and 1 fixed-line call) with multiple handsets
- Online net directory and Yellow Page search

- Interface: a/b (analogue), IP/Ethernet
- Operation: PSTN/PBX
- Standards: DECT, GAP, F-SMS, DHCP, SIP, RTP, STUN
- Colors: Piano Black
- System: cordless hybrid DECT-IP telephone for up to 6 handsets
- Configuration:
  - connection of 1 external PSTN line + 2 external IP lines simultaneously (multiline: up to 6 SIP accounts)
  - up to 6 hansets can be registered with the same base station
  - multicell for up to 4 base stations1)

IP basic features

- Dual mode: easy switch from internet to fixed line mode (VoIP and PSTN)
- Easy configuration of internet telephony (VoIP) without PC
- Easy selection of provider profiles from handset
- Built-in technology for seamless integration into any LAN
- Expandable phone system with multiline functionality for up to 6 handsets and 6 SIP accounts from different providers
- Assign SIP accounts individually to handsets and programm seperate accounts for incoming and outgoing calls
- Up to 3 calls in parallel: 2 internet calls and 1 fixed-line call with multiple handsets

IP net features and services

- Gigaset.net VoIP service [2)]: free of charge calls between Gigaset VoIP phones zero configuration Gigaset.net phonebook
- Public Phone Book Search: online net directory and Yellow Page Search (availability is country specific / on request)
- Info screensaver: e.g. RSS feeds and weather forecast [2)] via live ticker
- Configuration of system via web Server
- Configuration of provider profiles via web Server
- Firmware update directly from handset, without file handling
- Quality of service [1)]: ToS, Diffserv
- VoIP supplementary services (device controlled): conference, hold/toggle, call forwarding
- Auto-provisioning via MAC Address for auto-configuration including SIP username and password (available on request)
- Ethernet (IEEE 802.3)
- VoIP support (embedded SIP VoIP; Codex: G.711, G.722, G.726, G.729AB)
- DHCP client
- Increased virus protection thanks to protected operating system
- Clock synchronization using NTP (Network Time Protocol) server

Sound quality

- HDSP Ready handset (High Definition Sound Performance – Wideband Voice support) [3), 4)]
- Handsfree talking with brilliant sound quality – activated by illuminated handsfree key
- Adjustable volume of handset sound (3 levels)
- Ringer melodies with 5 tone adjustable volume settings and on/off function via * key (long press)
- Advisory tone (for key confirmation and low battery)
- HDSP ringer melody output via handsfree speaker
- Hearing Aid Compatible (HAC)
- Mute (via softkey)

Convenience – phoning essentials

Range

- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters

Operation time

- Talk time: up to 25 hours
- Standby time: up to 210 hours
- Standby time: up to 210 hours

Phonebook and dialing

- Phonebook for up to 150 names and numbers
- Phonebook Transfer between different handsets and between handset and PC
- Name indication for:
- Name indication for: incoming call, outgoing call, missed call list, redial list
- Personalised setting of outgoing line (VoIP/PSTN), with long press of the off-hook key
- Dial preparation (input of phone numbers before siezure) with correction possibility
- Redialing of the 10 last different dialed numbers
- User programmable speed-dial shortcuts using keys 2 – 9
- Dialing: DTMF, Pulse, Flash (programmable)
- Time programmable recall
- Support of local Area-Codes
- Automatic prefix dialing or network provider Netlock [1), 2)]

Receiving calls

- Caller indication by CLIP and CNIP displayed [1), 2)]
- Selectable Ringer melodies:
  - 5 polyphonic (16 voices, only Handset)
  - 10 standard melodies
  - adjustable volume
- Ringer output in handset via hands free speaker

Missed calls

- Display signaling missed calls
- Easy access to missed call list with dedicated illuminated message-key
- List showing up to 20 missed calls saving calls with caller indication (CLIP / CNIP - base requested) and time 1), 2)
- Direct dialing out of the Missed Call List

General additional features

- Plug & Play (unpack, connect the phone and conduct a call)
- Modern handset design and stand alone base station
- Alarm clock with selectable ringer melody snooze function
- Date and time functions are protected against power failure (date/time: with NTP synchronized)
- Room monitoring
- Internal antennas

CORDLESS HOME COMMUNICATION Gigaset

Display and menu features

Display
- Illuminated B/W display (1.42'', 96x64 dot graphic, 3 lines + 1 line for soft keys)
- Display illumination: amber

Standby
- Display of date and time as screensaver (default setting) (with further possibility to set-up live ticker infoservice)

In idle
- Display of date and time
- Display of battery life and signal strength
- Soft keys for quick selection of functions

While conducting a call
- Display of call duration in talk mode

Menu
- Convenient menu for easy use in up to in 21 languages (variable according to geographical region)
- Simple operation via text based menu list (on 1 st and following user interface levels) and soft keys

Keypad features
- New ergonomic keypad in high quality material (polydom technology)
- Illuminated keypad including navigation area
- Keypad illumination: amber
- Illuminated handsfree talking key (red) and dedicated illuminated message key (red)
- Keypad protection on/off via # key (long press)
- Ringer tones on/off via * key
- Flash key (R) with long press for pause (P)
- Intercom key (can be used as FNO specific key)
- Free programmable key

Messaging functions (SMS)[3), 4)]
- Automatic SMS registration
- Sending/receiving of SMS with up to 640 characters (by linking of up to 4 SMS) [3), 4)]
- Storage of up to 30 SMS with 90 characters
- Up to 4 personalized SMS inboxes [4)]
- Easy access to SMS services (info-channels) [4)]
- Transmission of e-mails via SMS [3) 4)]
- Copy of telephone numbers from SMS to directory
- Storage of 13 short SMS
- Easy SMS set-up including registration
- SMS protocol 1

Eco DECT
- Up to 60% less energy consumption [5)] thanks to an energy-saving power supply
- ECO Mode - for reduction of transmitting power by 80% [6)] for all registered handsets, dependent on distance from base station
- Variable reduction of transmitting power according to distance between handset and base station (for all registered handsets) [6)]

Accessories
- Gigaset Repeater
- Up to 6 Gigaset handsets

[1)] Service provider specific
[2)] Registration necessary; the content supplier reserves the right to make changes
[3)] Country specific
[4)] Operator specific (fixed-line)
[5)] In comparison to our conventional cordless phones
[6)] In comparison to when ECO Mode is not activated and our conventional cordless phones

Features with more than one handset
- 2 internet and 1 fixed-line call in parallel (VoIP and PSTN) and additionally 1 internal call or AM access simultaneously
- Phonebook transfer between handsets
- Ringing assigned to all or selected handsets for internal calls
- Internal transfer of external calls to another handset with prior consultation call
- Internet or fixed-line 3-party conference (1 external / 2 internal participants)
- Two 3-party conferences simultaneously (1 external internet or fixed-line call/2 internal participants each + AM access)

Fixed net operator features
- Support of net provider features by use of R key, * key and # key
- FNO specific key
- Context sensitive menus for operator net-based features (conference etc.)

Technical data

Handset
- Standby time: up to 210 hours
- Talk time: up to 25 hours
- Battery: 2 x AAA (NiHM)
- Charging time: 7h
- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters
- Dimensions (H x W x D) / weight
- Handset: 148mm x 49mm x 29mm / 105g

Base station
- Power-saving 230 V switch-mode power supply
- Connection of up to 6 handsets
- Paging key on front of base
- Dimensions (H x W x D in mm)
- Base station: 144mm x 52mm x 27mm

Package contents
- 1 handset
- 1 handset charger
- 1 base station (IP+PSTN)
- 2 standard AAA batteries (NiHM)
- 2 power supply units /base and handset charger)
- 1 telephone cord
- 1 Ethernet cable
- 1 user manual

Color
- Piano Black

Market introduction
- Market launch from August 2008